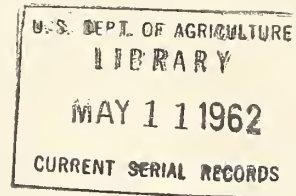


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# BIG GAME INVENTORY FOR 1958

Compiled in Bird and Mammal Laboratories  
Branch of Wildlife Research  
BUREAU OF SPORT FISHERIES AND WILDLIFE

As in the past, the kill and population figures in this Inventory are the figures reported by the States. These estimates constitute the best information available on the abundance of big-game species at the end of the calendar year 1958. Attempts to make total counts of big-game animals are usually impractical; in most cases, estimates are based on partial or trend counts, repeated in the same way and on the same sample areas each year. Therefore, the chief value of this Inventory is in showing whether a species has increased, decreased, or remained relatively constant from one year to the next. The figures given should not be regarded as precise measurements of total abundance of these species.

Several States which formerly reported total population estimates have discontinued doing so, feeling that they are not justified by the harvest figures presented. Helpful indications of trend have, in most cases, been substituted. No figures for the State of Alaska are included in this Inventory, except for those under Mount McKinley National Park.

An innovation with this 1958 Inventory is the tabulation (Part 4) of animals under wire or free-ranging on various Federal- or State-administered areas. The treatment is similar (except for kill figures) to that in other parts of the Inventory, but with this initial effort the coverage is not as complete as might be desired. For this reason, only the totals or trends are indicated for those National Monuments, National Wildlife Refuges, and State Parks and Refuges which reported.

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UNITED STATES DEPARTMENT OF THE INTERIOR  
FISH AND WILDLIFE SERVICE  
BUREAU OF SPORT FISHERIES AND WILDLIFE

## PART 1.--Species Reported by Western and Eastern States, 1958

STATE	MOOSE		ELK		WHITE-TAILED DEER		BLACK BEAR		WILD TURKEY	
	Kill	Pop.est.	Kill	Pop.est.	Kill	Pop.est.	Kill	Pop.est.	Kill	Pop.est.
WESTERN STATES										
Arizona.....	.....	.....	251 ACF	5,000	5,098 AF	27,500	130 F	600	727 F	27,000
California.....	.....	.....	.....	2,600 M	.....	.....	620 D	..... S	.....	1,500 S
Colorado.....	.....	.....	8,598 ADF	..... M	.....	.....	584 ADF	..... M	343 ADF	..... M
Idaho.....	74 AD	1,600 S	16,449 F	60,000 L	12,087 DF	..... GS	3,708 F	.....	.....	.....
Kansas.....	.....	.....	.....	.....	NOS	5,400 M	.....	.....	NOS	114 M
Montana.....	469 ADF	.....	12,188 ADF	.....	28,235 ADF	.....	1,064 ADF	.....	100 A	.....
Nebraska.....	.....	.....	.....	.....	443 A	..... G	.....	.....	.....	.....
Nevada.....	1 B	.....	11 D	400 L	.....	.....	1 B	25 M	.....	.....
New Mexico.....	.....	.....	700 AF	10,000 M	1,000 AF	18,000 M	300 AF	2,000 S	2,200 AF	25,000 M
North Dakota.....	.....	.....	.....	.....	9,700 F	..... M	.....	.....	88	..... S
Oklahoma.....	.....	.....	.....	.....	1,848 A	15,000 M	.....	.....	.....	.....
Oregon.....	.....	.....	6,959 DF	45,000 S	100 C	1,500 S	1,000 C	10,000 S	.....	.....
South Dakota.....	.....	.....	40 D	200 M	7,630 D	100,000 M	.....	.....	640 D	5,000 M
Texas.....	.....	.....	.....	300 S	125,000 ABC	1,150,000 M	.....	20 S	6,200 ABC	100,000 M
Utah.....	7 AD	100 S	1,075 AD	5,000 S	.....	.....	.....	200 S	NOS	500 M
Washington.....	.....	.....	7,400 DF	38,000 M	11,775 DF	65,000 M	6,900 C	30,000 L	.....	.....
Wyoming.....	748 F	..... M	11,483 F	..... S	..... I	.....	200 A	..... S	1,638 AF	..... M
EASTERN STATES										
Alabama.....	.....	.....	.....	.....	8,780 C	86,950 M	.....	.....	5,711 C	54,310 M
Arkansas.....	.....	.....	.....	.....	6,528 ABC	130,000 M	.....	.....	389 AC	..... S
Connecticut.....	.....	.....	.....	.....	888 D	8,500 S	.....	.....	.....	.....
Delaware.....	.....	.....	.....	.....	433 A	4,000 S	.....	.....	.....	.....
Florida.....	.....	.....	.....	.....	12,600	93,950 M	150	600 S	20,200 F	74,500 S
Georgia.....	.....	.....	.....	.....	5,000 ABC	40,000 M	25 BC	500 S	3,000 ABC	25,000 M
Illinois.....	.....	.....	.....	.....	2,867 A	..... M	.....	.....	NOS	.....
Indiana.....	.....	.....	.....	.....	654 D	9,400 M	.....	.....	NOS	75 M
Iowa.....	.....	.....	.....	.....	2,889 ABCD	10,643 S	.....	.....	.....	.....
Kentucky.....	.....	.....	.....	.....	1,800 AD	52,000 M	.....	.....	.....	1,350 M
Louisiana.....	.....	.....	.....	.....	11,000 C	..... M	NOS	..... S	215 ABC	..... M
Maine.....	NOS	3,000 S	.....	.....	39,393 A	180,000 S	1,400 F	7,000 S	.....	.....
Maryland.....	.....	.....	.....	.....	4,596 A	27,000 M	.....	12 S	575 A	7,500 S
Massachusetts.....	.....	.....	.....	.....	4,888 D	25,000 M	2 C	10 M	.....	.....
Michigan.....	NOS	30 S	NOS	900 S	101,440 F	650,000 M	2,500 F	6,000 S	NOS	600 M
Minnesota.....	NOS	2,000 M	NOS	25 S	75,744 DF	350,000 S	600 CD	..... S	.....	.....
Mississippi.....	.....	.....	.....	.....	6,500 AB	90,000 M	NOS	30 S	1,425 AB	20,000 M
Missouri.....	.....	.....	.....	.....	13,700 AD	250,000 M	1 C	15 M	NOS	..... M
New Hampshire.....	NOS 3 CH	60+M	NOS 1 CH	25+S	10,798 DH	45,000+L	126 D	700+M	.....	.....
New Jersey.....	.....	.....	.....	.....	7,369 D	43,000 M	15 C	10 M	.....	.....
New York.....	.....	.....	.....	.....	66,469 AD	375,000 S	514 AD	3,500 M	NOS	5,000 M
North Carolina.....	.....	.....	.....	.....	20,000 E	200,000 M	1,000 E	10,000 S	2,500 E	15,000 S
Ohio.....	.....	.....	.....	.....	4,413 D	..... L	.....	.....	NOS	300 M
Pennsylvania.....	.....	.....	NOS	75 S	111,925 D	410,000 S	439 D	900 M	13,000 C	40,000 S
Rhode Island.....	.....	.....	.....	.....	2 D	1,000 M	.....	.....	.....	.....
South Carolina.....	.....	.....	.....	.....	10,000 AC	75,000 M	4 C	50 L	1,200 C	17,000 M
Tennessee.....	.....	.....	.....	.....	2,534 AD	25,000 M	37 AD	250 M	87 AD	8,500 M
Vermont.....	.....	20 S	.....	.....	10,660 D	175,000 M	339 D	3,000 S	.....	.....
Virginia.....	.....	.....	12 A	100+M	26,843 A	200,000 M	272 A	900 S	1,679 A	15,000+L
West Virginia.....	.....	.....	.....	.....	18,551 AB	100,000 M	71 AB	500 S	1,499 AB	12,000 M
Wisconsin.....	.....	.....	.....	.....	97,119 A	500,000+M	577 A	2,000+M	.....	.....
Total.....	1,302	6,810 X	65,167	167,625 X	909,299	5,538,843 X	22,579	78,822 X	63,416	453,249 X

Determination of kill:

Methods used by game wardens and technicians -

A - checking stations

B - interviews

C - general field observations

State central office methods -

D - license stubs or card returns

E - ranchers' coupons

F - questionnaire to license holders

NOS - no open season

Population trend from 1957 to 1958:

L - less

M - more

S - same

X - Note that population estimates are not given for some States that reported kill.

PART 2.--Species Reported by Western States Only, 1958

STATE	GRIZZLY BEAR		MULE DEER		BLACK-TAILED DEER		PRONGHORN ANTELOPE		MOUNTAIN CARIBOU	
	Kill	Pop.est.	Kill	Pop.est.	Kill	Pop.est.	Kill	Pop.est.	Kill	Pop.est.
Arizona.....	..	..	28,436 AF	185,000	.....	.....	301 F	8,500	...	...
California....	..	..	28,435 D	520,000 S	33,845 D	580,000 S	.....	1,917 L	...	...
Colorado.....	..	..	84,237 ADF	..... L	.....	.....	2,262 ADF	..... S	...	...
Idaho.....	NOS	50 S	59,816 DF	315,000 GS	.....	.....	821 AD	8,000+ M	...	100 L
Iowa.....	..	..	2	.....	.....	.....	.....	.....	...	...
Kansas.....	..	..	NOS	900 M	.....	.....	NOS	200 M	...	...
Minnesota....	NOS	..	10 BC	..... S	.....	.....	.....	.....	...	...
Montana.....	36 ADF	..	84,909 ADF	.....	.....	.....	14,002 ADF	.....	...	...
Nebraska.....	..	..	5,526 A	75,000 GS	.....	.....	.....	2,000 L	...	...
Nevada.....	..	..	20,000 D	175,000 M	.....	.....	126 D	3,500 S	...	...
New Mexico....	..	..	38,600 AF	300,000 M	.....	.....	1,800 A	25,000 M	...	...
North Dakota..	..	..	3,800 F	..... S	.....	.....	1,770 D	..... S	...	...
Oklahoma.....	..	..	34 A	.....	.....	.....	.....	.....	...	...
Oregon.....	..	..	71,293 DF	425,000 S	45,081 DF	250,000 S	314 D	12,000 M	...	...
South Dakota..	..	..	4,630 D	30,000 S	.....	.....	3,000 D	15,000 L	...	...
Texas.....	..	..	2,393 ABC	75,000 S	.....	.....	926 A	11,000 M	...	...
Utah.....	..	..	117,241 ACDF	375,000 S	.....	.....	33 AD	1,500 S	...	...
Washington....	NOS	10 S	18,265 DF	135,000 M	34,660 DF	215,000 M	NOS	225 M	NOS	10 S
Wyoming.....	AC	L	62,456 I	..... S	.....	.....	23,910 F	..... M	...	...
Total.....	36	60 X	630,083	2,610,900 X	113,586	1,045,000	49,265	88,842 X	...	110

STATE	PECCARY (JAVELINA)		BIGHORN SHEEP		MOUNTAIN GOAT		AMERICAN BISON	
	Kill	Pop.est.	Kill	Pop.est.	Kill	Pop.est.	Kill	Pop.est.
Arizona.....	3,010 F	12,000	18 A	3,400	...	.....	84 A	... L
California....	.....	.....	...	2,000+ S	...	.....	..	...
Colorado.....	.....	.....	51 ADF	..... M	..... S	.....	..	...
Idaho.....	.....	.....	37 D	2,500 S	58 D	2,800 S	..	...
Kansas.....	.....	.....	.....	.....	.....	.....	NOS	... S
Montana.....	.....	.....	66 A	.....	460 AD	.....	..	...
Nebraska.....	.....	.....	.....	.....	.....	.....	..	...
Nevada.....	NOS	50 L	30 D	2,800 S	.....	.....	..	...
New Mexico....	NOS	2,000 S	NOS	550 M	.....	.....	NOS	...
North Dakota..	.....	.....	.....	.....	.....	.....	..	...
Oklahoma.....	.....	.....	.....	.....	.....	.....	..	...
Oregon.....	NOS	.....	NOS	60 M	NOS	20 S	..	...
South Dakota..	.....	.....	.....	.....	.....	.....	..	...
Texas.....	1,200 BC	110,000 M	...	25 S	.....	.....	14 BC	200 S
Utah.....	.....	.....	NOS	150 S	.....	.....	NOS	50 S
Washington....	.....	.....	NOS	23 M	199 DF	5,000 S	..	...
Wyoming.....	.....	.....	63	..... M	.....	.....	..	...
Total.....	4,210	124,050	265	11,508 X	717	7,820 X	98	250 X

G - Idaho and Nebraska: Population estimate of white-tailed deer is included with that of mule deer.

H - New Hampshire: Kill of white-tailed deer does not include an estimate of 1,000 not reported. 3 moose and 1 elk killed illegally.

I - Wyoming: Kill of white-tailed deer is included with that of mule deer.

+ - Population estimate -

California: bighorn sheep 2,000 - 2,500

Idaho: pronghorn antelope 8,000 - 10,000

New Hampshire: moose 60 - 70; elk 25 - 30; black bear 700 - 900; European wild boar 25 - 30

Virginia: elk 100 - 200; wild turkey 15,000 - 20,000

Wisconsin: white-tailed deer 500,000 - 750,000; black bear 2,000 - 5,000

PART 3.--Foreign Species, 1958

STATE	EUROPEAN WILD BOAR		BARBARY SHEEP	
	Kill	Pop.est.	Kill	Pop.est.
California.....	100 C	... S	..	...
New Hampshire....	25 BC	25+S	..	...
New Mexico.....	...	...	48 A	500 M
North Carolina..	30 E	300 S	..	...
Tennessee.....	60 AD	500 S	..	...
Texas.....	...	...	..	150 M
Total.....	215	825 X	48	650



PART 4.--Estimates of Numbers on National Parks, National Wildlife Refuges, State Parks and Refuges, and Other Areas, 1958

AREA	MOOSE	ELK	WHITE-TAILED DEER	MULE DEER	BLACK BEAR	GRIZZLY BEAR	PRONGHORN ANTELOPE	BIGHORN SHEEP	MOUNTAIN GOAT	AMERICAN BISON
<u>National Parks</u>										
Acadia.....	..... R	.....	1,000 C	.....	.....	...	...	.....	...	.....
Big Bend.....	.....	.....	50+	350+	..... R	...	10	.....	...	.....
Bryce Canyon....	.....	..... R	.....	400+A	..... R	...	...	.....	...	.....
Carlsbad Caverns	.....	..... R	.....	400 C	..... R	...	20	.....	...	.....
Crater Lake.....	.....	..... R	..... R	850*	50	...	...	.....	...	.....
Everglades.....	.....	.....	..... C	.....	..... R	...	...	.....	...	.....
Glacier.....	115	1,850	290	665	415	125	...	170	755	.....
Grand Canyon....	.....	.....	.....	..... A	..... R	...	..... R	..... R	...	.....
Grand Teton.....	400	500	.....	200	..... C	..... R	.....	..... U	...	24
Great Smoky Mts.	.....	.....	75	.....	250	...	.....	.....	...	.....
Hot Springs.....	.....	.....	..... R	.....	.....	...	.....	.....	...	.....
Isle Royale.....	300	.....	.....	.....	.....	...	.....	.....	...	.....
Lassen Volcanic.	.....	.....	.....	..... A*	..... C	.....	..... R	.....	...	.....
Mammoth Cave....	.....	.....	..... A	.....	.....	...	.....	.....	...	.....
Mesa Verde.....	.....	1 R	.....	900 C	.....3 R	...	...	40	...	.....
Mount McKinley..	..... C	.....	.....	.....	..... U	..... C	...	1,585	..... R	.....
Mount Rainier...	.....	55	.....	350*	60+C	...	.....	.....	...	.....
Olympic.....	.....	4,500	.....	..... C*	..... C	...	.....	.....	..... U	.....
Rocky Mountain..	.....	700	.....	900	30	...	.....	175	...	.....
Sequoia-K. Canyon	.....	.....	.....	17,500	400	...	.....	45	...	.....
Shenandoah.....	.....	.....	680	.....	..... C	...	.....	.....	...	.....
Wind Cave.....	.....	200	70	250	.....	...	212	.....	.....	364
Yellowstone.....	400 C	7,200 A	..... R	700 C	300 C	160	400	120	...	1,000
Yosemite.....	.....	.....	.....	15,000 A	300 A	...	.....	..... R	...	.....
Zion.....	.....	.....	.....	1,500 C	.....	...	.....	.....	..... R	.....
Total Natl. Pks.	1,215	15,006	2,165	39,965*	1,808	285	642	2,135	755	1,388
<u>National Monu- ments, etc.... (47 reporting)</u>	-	U - R	A - R	A - R	C - R	-	C - R	C - R	-	73
<u>National Wild- life Refuges.. (94 inc. Bison R.)</u>	54	5,511	23,601	22,818*	276	-	3,352	2,199	-	1,306
<u>State Parks &amp; Refuges..... (15 States reporting)</u>	-	30	20,762	1,050	25	-	77	85	325	1,840

Estimate of relative abundance:

A - abundant

C - common

U - uncommon

R - rare

\* Represents mule deer and black-tailed deer.

In addition, the following were reported:

Wild turkey - Carlsbad Caverns N.P., 20; Grand Canyon N.P. north rim, A; Mesa Verde N.P., 35; Bandelier N.M., 100; Capulin Mt. N.M., R; Chiricahua N.M., 5; Walnut Canyon N.M., 75; Coronado N. Mem. 1. Natl. Wildlife Refuges, 1,883. State Parks and Refuges, 7,420.

Mountain caribou - Mount McKinley N.P., C.

Peccary (Javelina) - Big Bend N.P., 350+; Chiricahua N.M., 10; Organ Pipe Cactus N.M., 100; Saguaro N.M., 250; Walnut Canyon N.M., 10 (winter); Coronado N. Mem., 15. Natl. Wildlife Refuges, 521. State Parks and Refuges, 1,510.

Barbary sheep - State Parks and Refuges, Texas, 40; New Mexico, 75.